



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-10-2024

Test No: 1919

Weather: Sunny

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water	
						Sampling Time: 09:15 AM	Sampling Time: 09:40 AM	Sampling Time: 10:02 AM	Sampling Time: 10:38 AM	Sampling Time: 10:51 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.9	28.8	29.1	29.3	
2	pH		day	6.5-8.5				7.8	7.5	7.5	7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	400	76	71.1	1.9	0.21	0.17	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			344	30	9	3	
5	Suspended Solid	mg/L	day	...				378	57	57	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	118.7	121.2					124.4
8	Salinity	PSU	Once a week	...								0.173
9	Conductivity	µS/cm	Once a week	...								252.9
10	Resistivity	Ω-cm	Once a week	...								3954
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												